

## Asst. Prof. Aziz ŞENCAN

### Personal Information

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### Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, Turkey 2006 - 2011

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, Turkey 2004 - 2006

Undergraduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1996 - 2001

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Fındık kabuğu ve fındık kabuğundan farklı yöntemlerle elde edilen aktif karbonun kurşun(II) sorpsiyon potansiyelinin belirlenmesi / Determination of lead (II) sorption capacity of hazelnut shell and activated carbon obtained from hazelnut shell with different methods, Suleyman Demirel University, Fen Bilimleri, Çevre Mühendisliği, 2011

Postgraduate, Sulu çözelti ve deri endüstrisi atık suyundan Cr+6 iyonunun aktif çamur biyokütlesi ile biyosorpsiyonu / Biosorption of Cr+6 from aqueous solution and tannery effluents with activated sludge biomass, Suleyman Demirel University, Mühendislik Fakültesi, Çevre Mühendisliği, 2006

### Research Areas

Chemical Engineering and Technology, Basic Operations and Thermodynamics, Separation Operations, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Mühendislik Fakültesi, Kimya Mühendisliği, 2013 - Continues

### Advising Theses

ŞENCAN A., Nar kabuğundan elde edilen aktif karbon ile meyve suyundan pestisit adsorpsiyonu Adsorption of certain pesticides in fruit juice with activated carbon produced from pulp of pomegranate peel, Postgraduate, M.ZEHRA(Student), 2019

ŞENCAN A., İşletmede olan bir hidro elektrik santralin nehir suyu kalitesine etkisi The effects of an operating hydroelectric plant on the river water quality, Postgraduate, H.Akyüz(Student), 2016

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **ECOTOXICOLOGICAL RESPONSES OF MORPHOLOGICAL AND PHYSIOLOGICAL PARAMETERS OF CADMIUM-STRESSED MAIZE SEEDS**  
KILIÇ S., KARABOYACI M., ŞENCAN A., KILIÇ M.  
BANGLADESH JOURNAL OF BOTANY, vol.46, no.1, pp.211-216, 2017 (Journal Indexed in SCI)
- II. **Determination of lead(II) sorption capacity of hazelnut shell and activated carbon obtained from hazelnut shell activated with ZnCl<sub>2</sub>**  
ŞENCAN A., KARABOYACI M., KILIÇ M.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.22, no.5, pp.3238-3248, 2015 (Journal Indexed in SCI)
- III. **Investigation of the Changes in Surface Area and FT-IR Spectra of Activated Carbons Obtained from Hazelnut Shells by Physicochemical Treatment Methods**  
ŞENCAN A., KILIÇ M.  
JOURNAL OF CHEMISTRY, 2015 (Journal Indexed in SCI)
- IV. **Removal of suspended solids and turbidity from marble processing wastewaters by electrocoagulation: Comparison of electrode materials and electrode connection systems**  
Solak M., KILIÇ M., Yazici H., ŞENCAN A.  
JOURNAL OF HAZARDOUS MATERIALS, vol.172, no.1, pp.345-352, 2009 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Process Design for the Recycling Of Tetra Pak Components**  
KARABOYACI M., ELBEK G. G. , KILIÇ M., ŞENCAN A.  
European Journal Engineering and Natural Sciences, vol.2, no.1, pp.126-129, 2017 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Preparation Of Activated Carbon From Apple Pulp With Ecological Precursor**  
KILIÇ M., KARABOYACI M., KILIÇ S., ŞENCAN A.  
III International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.381
- II. **Investigation of the Effect of Mono-and Divalent Cation Concentration on A Lab-Scale EBPR System**  
KILIÇ M., YAZICI H., KILIÇ S., KARABOYACI M., ŞENCAN A.  
III International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.294
- III. **Production Of Celluloid From Rose Wastes**  
KARABOYACI M., Can C., ŞENCAN A., KILIÇ M.  
III International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.387
- IV. **Production Of Anthocyanin Dye Sensitized Solar Cell From Red Wine Pulp**  
KARABOYACI M., CAN C., TAŞDELEN K., ŞENCAN A., KILIÇ M.  
III International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.386
- V. **Chemically Color Removal from Textile Wastewater with Oxidizing and Reducing Agents**  
KARABOYACI M., UYSAL M., ŞENCAN A., KILIÇ M.  
International Conference on Engineering and Natural Sciences (ICENS) 2016, Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, vol.8, pp.2082-2085
- VI. **Process Design for the Recycling Of Tetra Pak Component**  
KARABOYACI M., ELBEK G. G. , KILIÇ M., ŞENCAN A.  
II. International Conference on Engineering and Natural Sciences (ICENS), Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016
- VII. **REDUCING THE MASS OF THE LIGHTWEIGHT CONSTRUCTION ELEMENTS WITH SUPERABSORBENT POLYMERS**

ŞENCAN A., KARABOYACI M., KILIÇ M.

International Conference on Engineering and Natural Sciences, 3 - 07 May 2016, pp.736

VIII. **ADSORPTION OF CERTAIN PESTICIDES IN APPLE JUICE WITH ACTIVATED CARBON PRODUCED FROM PULP OF POMEGRANATE PEEL**

ŞENCAN A., ÇİFTÇİ m., KARABOYACI M., KILIÇ M.

International Conference on Engineering and Natural Sciences, 3 - 07 May 2016, pp.1944-1947

IX. **PROCESS DESIGN FOR THE RECYCLING OF TETRA PAK COMPONENTS**

KARABOYACI M., elbek g. g., KILIÇ M., ŞENCAN A.

International Conference on Engineering and Natural Sciences, 3 - 07 May 2016, pp.816-819

X. **Mordenitin Co 2 Pb 2 sulu çözeltisindeki adsorpsiyon davranışının incelenmesi**

BÜLBÜL M. C. , ŞENCAN A., YİĞİTARSLAN S.

3. Ulusal Kimya Mühendisliği Öğrenci Kongresi, Turkey, 04 May 2015

XI. **RECYCLING OF ROSE WASTES TO ACTIVATED CARBON AND CHARACTERIZATION OF THAT NEW ACTIVATED CARBON**

KARABOYACI M., TAMA B., ŞENCAN A., KILIÇ M.

International Conference on Water, Energy and the Environment, kuiadası, Turkey, 21 - 24 September 2013, pp.1-7

XII. **REMOVAL OF COBALT ION FROM AQUEOUS SOLUTIONS BY LIGNOCELLULOSES MODIFIED WITH PAN**

KARABOYACI M., GÖDE F., ŞENCAN A., CENGİZ M.

International Conference on Environment: Survival and Sustainability, Lefkoşa, Cyprus (Kktc), 19 - 24 February 2007, vol.7, pp.3027-3037

## Citations

Total Citations (WOS):60

h-index (WOS):3